

GOOD SHEPHERD CATHOLIC BOYS' SECONDARY SCHOOL, OYEDE  
MID-TERM BREAK ASSIGNMENTS FOR FIRST TERM, 2021/2022 ACADEMIC SESSION  
CLASS: S. S. 3

CIVIC EDUCATION

1. Discuss the following rules of modern mode of popular participation:
  - a. Citizenship
  - b. Domicile
  - c. Age
2. Mention four processes of the Rule of Law
3. State 2 limitations to the Rule of law

GEOGRAPHY

1. On a sketch map of Nigeria, mark and locate.
  - i. Lake Chad
  - ii. North central Highlands.
  - iii. Eastern Scarplands.
2. Discuss the characteristics of Eastern scarplands of Nigeria under the following headings:
  - a Relief.
  - b. Drainage
  - c. Vegetation
  - d. Human activities.

BIOLOGY

1. List five diseases that can affect the nervous system
2. With an illustration explain how you would use a Quadrat to estimate the population and population density of organisms in a particular environment. (Quadrat size= 1m<sup>2</sup>)
3. Explain why an old man will lack the ability to see very well.

LITERATURE IN ENGLISH

1. Give a well detailed plot account of William Shakespeare's Midsummer Night's Dream
2. List all the characters present in the text

ECONOMICS

1. Explain the historical background of petroleum in Nigerian economy.
2. State three positive and three negative effect of the contribution of petroleum in Nigeria.

FURTHER MATHEMATICS

Resolve the following into partial fractions:

$$(1) \frac{2x+3}{(2x+1)(x^2+x-1)}$$

$$(2) \frac{x-1}{(x^2+1)(x^2-5)}$$

HOME MANAGEMENT

1. Give three advantages of each of the following (a) Market Survey (b) Bulk Purchasing
2. List any four principles of intelligent consumption of goods and services

ENGLISH LANGUAGE

Write a letter to the Principal of your school, requesting that the school's Guidance and Counselling Unit be revived in view of the important duties counsellors perform. Discuss at least FOUR of such duties and the disadvantages of not having qualified counsellors

in the school. (Not less than 450 words long)

#### MATHEMATICS

- (1) TW Villages are on ( $15^{\circ}\text{S}$ ,  $107^{\circ}\text{E}$ ) and ( $15^{\circ}\text{S}$ ,  $17^{\circ}\text{E}$ ) respectively what is their distance apart, along the line of latitude (Leave your answer in terms of IT and R, the radius of the earth).
- (2) An aeroplane flies due north from a town T on equator at a speed of 950km per hour for 4 hours to another town P, it then flies eastward to town Q on longitude  $65^{\circ}\text{E}$  If the longitude of T is  $15^{\circ}\text{E}$ ,
  - (a) Represent this information in a diagram
  - (b) Calculate the
    - (i) Latitude of P, correct to the nearest degree.
    - (ii) Difference between P and Q, correct to 4 Significant figures (Take  $\pi=22/7$ , Radius of the earth =6400km)

#### HISTORICAL STUDIES OF NIGERIA UP TO 1800

1. Name any five centralized states in Nigeria before the colonial period. Describe any three features of one of the centralized State mentioned.
2. List three materials used in pottery making.
  - ii. Identify three products of pottery.
  - iii. State three economic importance of pot

#### CHRISTIAN RELIGIOUS STUDIES

1. Explain the baptism of Jesus Christ.
2. What are the significance of the baptism
3. How did the call of the first four disciples take place? Why did Jesus require disciples?

#### GOVERNMENT

1. Name any five past Secretaries-General of the United Nations Organization [UNO]
2. Identify five roles of traditional rulers during the colonial period.

#### AGRICULTURAL SCIENCE

1. Mention eight [8] fish catching methods/gears.
2. List ten [10] fish preservation methods.
3. [a] State four importance of apiculture [bee keeping]  
[b] Name five bee products

#### PHYSICS

- 1a.State two differences between acceleration of freefall (g) and the universal gravitational constant (G)
- b. Derive an expression relating g and G. State two assumptions for which the relationship between g and G holds
- 2a.Which of the following devices has a higher resistance; ammeter or voltmeter? Give reasons for your answer.
- b. Two parallel resistors of resistance  $400\Omega$  each are connected in a circuit having a voltage across of 6V. Calculate (i) the ammeter reading of the circuit (ii) ammeter reading of each of the  $400\Omega$  resistor (iii) voltage across the  $800\Omega$  resistor

#### CHEMISTRY

1. Enumerate the properties of transition elements with examples.
2. Write out the isomers of Butanoic acid.

## ANIMAL HUSBANDRY

1. Write a note on mites stating their life cycle, economic importance and ways of controlling them